<<拟微分算子技巧>>

图书基本信息

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内容概要

It is generally well known that the Fourier-Laplace transform converts a linear constant coefficient PDE P(D)u=f on Rn to an equation P(§)u-(§)=f-(§), for the transforms u-, f- of u and f,so that solving P(D)u=f just amounts to division by the polynomial P(§). The practical application was suspect, and ill understood, however, until theory of distributions provided a basis for a logically consistent theory. Thereafter it became the Fourier-Laplacemethod for solving initial-boundary problems for standard PDE. We recall these facts in some detail in sec ' s 1-4 of ch.0.

书籍目录

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